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 14003 U.S. PTO

Please type a plus sign (+) inside this box → ☐

PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. CEC-127/SD-2131
 First Inventor Salim A. Jaliwala
 Title See 1 in Addendum
 Express Mail Label No. EF 227 530 271 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 31]
(preferred arrangement set forth below)
- Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing; a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure

4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 8]

5. Oath or Declaration [Total Pages 5]

- a. ☒ unexecuted
newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
- i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).

6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents,
Box Patent Application
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement
(when there is an assignee) ☒ Power of
Attorney
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure
Statement (IDS)/PTO-1449 14 Copies of IDS
Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.
17. ☒ Other: Check #199591 for \$962

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____ / _____

Prior application information: Examiner _____ Group Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label ☒ Correspondence address below

Name Jeffrey A. Michael

Baker & Daniels

Address 300 N. Meridian St., Suite 2700

City Indianapolis State IN Zip Code 46204

Country USA Telephone 317-237-0300 Fax 317-237-1000

Name (Print/Type) Jeffrey A. Michael Registration No. (Attorney/Agent) 37,394

Signature *Jeffrey A. Michael* Date January 31, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

2025年3月

- # 2025年3月

FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$ 962.00

Complete if Known

Application Number

Filing Date

Herewith

First Named Inventor

Salim A. Jaliwala

Examiner Name

Group Art Unit

Attorney Docket No.

CEC-127/SD-2131

PTO
09/774897
01/31/01

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit
Account
Number

02-0390

Deposit
Account
Name

Baker & Daniels

- ☒ Charge Any Additional Fee Required
Under 37 CFR 1.16 and 1.17

- ☐ Applicant claims small entity status.
See 37 CFR 1.27

2. ☒ Payment Enclosed:

- ☒ Check ☐ Credit card ☐ Money
Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Fee Fee Fee Fee Description

Code (\$)	Code (\$)	Code (\$)	Code (\$)	Code (\$)	Fee Description	Fee Paid
101	710	201	355		Utility filing fee	710
106	320	206	160		Design filing fee	
107	490	207	245		Plant filing fee	
108	710	208	355		Reissue filing fee	
114	150	214	75		Provisional filing fee	

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
34	-20** = 14	18	252
3	-3** = 0	80	0
Multiple Dependent		270	0

Large Entity Small Entity

Fee Fee Fee Fee Fee Description

Code (\$)	Code (\$)	Code (\$)	Code (\$)	Code (\$)	Fee Description	Fee Paid
103	18	203	9		Claims in excess of 20	
102	80	202	40		Independent claims in excess of 3	
104	270	204	135		Multiple dependent claim, if not paid	
109	80	209	40		** Reissue independent claims over original patent	
110	18	210	9		** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$)

962

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid		
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	
Other fee (specify) _____					
SUBTOTAL (3) (\$)			962		

*Reduced by Basic Filing Fee Paid

SUBMITTED BY

Name (Print/Type) Jeffrey A. Michael

Registration No.
(Attorney/Agent)

37,394

Complete (if applicable)

Telephone

(317) 237-0300

Signature

Date

January 31, 2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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PATENT APPLICATION FEE DETERMINATION RECORD

Application or Docket Number

CEC-127/SD-2131

CLAIMS AS FILED - PART I

(Column 1)

(Column 2)

FOR	NUMBER FILED	NUMBER EXTRA
BASIC FEE (37 CFR 1.16(a))		
TOTAL CLAIMS (37 CFR 1.16(c))	34 minus 20 = *	14
INDEPENDENT CLAIMS (37 CFR 1.16(b))	3 minus 3 = *	0
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))		

* If the difference in column 1 is less than zero, enter "0" in column 2

SMALL ENTITY

OR

OTHER THAN
SMALL ENTITY

RATE	FEE		RATE	FEE
	\$ _____	OR		\$710
x \$ _____ =		OR	x \$18 =	252
x _____ =		OR	x 80 =	0
+ _____ =		OR	+ 270 =	0
TOTAL		OR	TOTAL	962

CLAIMS AS AMENDED - PART II

(Column 1)

(Column 2)

(Column 3)

SMALL ENTITY

OR

OTHER THAN
SMALL ENTITY

AMENDMENT A		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total (37 CFR 1.16(c))	*	Minus	**	=	
Independent (37 CFR 1.16(b))	*	Minus	***	=	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					

RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
x \$ _____ =		OR	x \$ _____ =	
x _____ =		OR	x _____ =	
+ _____ =		OR	+ _____ =	
TOTAL		OR	TOTAL	
ADDIT. FEE		OR	ADDIT. FEE	

AMENDMENT B		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total (37 CFR 1.16(c))	*	Minus	**	=	
Independent (37 CFR 1.16(b))	*	Minus	***	=	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					

RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
x \$ _____ =		OR	x \$ _____ =	
x _____ =		OR	x _____ =	
+ _____ =		OR	+ _____ =	
TOTAL		OR	TOTAL	
ADDIT. FEE		OR	ADDIT. FEE	

AMENDMENT C		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total (37 CFR 1.16(c))	*	Minus	**	=	
Independent (37 CFR 1.16(b))	*	Minus	***	=	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					

RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
x \$ _____ =		OR	x \$ _____ =	
x _____ =		OR	x _____ =	
+ _____ =		OR	+ _____ =	
TOTAL		OR	TOTAL	
ADDIT. FEE		OR	ADDIT. FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

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Date: January 31, 2001

Attorney Pocket No.: CEC-127/SD-2131

BOX PATENT APPLICATION
Commissioner for Patents
Washington, D.C. 20231

jc841 U.S. PTO
09/774897
01/31/01

Re: Application for United States Letters Patent
Applicants: Salim A. Jaliwala, Paul R. Miller, Larry J. Brackney,
Thomas A. Dollmeyer, Chuan He, George Brunemann,
John F. Wright, Stephen J. Charlton

Title of Invention: SYSTEM AND METHOD FOR ESTIMATING EGR MASS
FLOW AND EGR FRACTION

Sir:

Forwarded herewith is the above-identified application, consisting of the following:

Specification (21 Pages)
Claims (9 Pages)
Abstract of the Disclosure X
Drawings (8 sheets)
Declaration Executed X Unexecuted
Information Disclosure Statement
Form PTO/SB/08A (1 pg.)
14 references
Patent Application Fee Determination Record
Fee Transmittal
Utility Patent Application Transmittal
Check #199591 for \$962.00

The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 02-0390, BAKER & DANIELS. A duplicate copy of this sheet is enclosed.

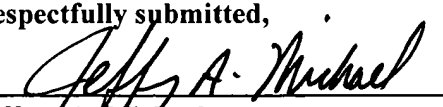
☒ Any additional filing fees required under 37 CFR 1.16.

The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 02-0390, BAKER & DANIELS. A duplicate copy of this letter is enclosed.

☒ Any patent application processing fees under 37 CFR 1.17.

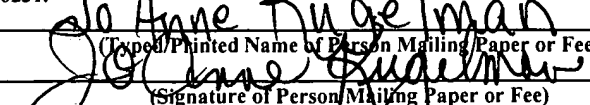
☒ Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Respectfully submitted,


Jeffrey A. Michael
Registration No. 37,394
Attorney for Applicants

BAKER & DANIELS
300 N. Meridian St., Suite 2700
Indianapolis, IN 46204
TELEPHONE: 317-237-0300
FACSIMILE: 317-237-1000

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APPLICATION, COMMISSIONER FOR PATENTS, WASHINGTON, D.C.
20231.


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(Signature of Person Mailing Paper or Fee)